

DISTRICT OF COLUMBIA BUILDING CODE ADVISORY COMMITTEE

c/o DCRA/BLRA • 941 North Capitol Street, NE, Ste. 2000 • Washington, DC 20002

CODE CHANGE PROPOSAL FORM

2003 ICC FAMILY OF CODES

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CODE: IRC

SECTION NO. 311.5.3.1

SUBCOMMITTEE AMENDMENT NO. R-6

PROPOSING SUBCOMMITTEE: Res

CHAIR: Stovall

PHONE: 301/587-3333 E-mail: John@nsarchitects.com

DATES: OF PROPOSAL: 4/12/05

BCAC PRESENTATION: 4/20/05

BCAC APPROVAL:

CHECK ONE



Revise section to read as follows:



Delete section and substitute the following:



Add new section to read as follows:



Delete section without substitution.

TYPE ALL TEXT IN 12-POINT TIMES NEW ROMAN FONT

~~LINE THROUGH TEXT TO BE DELETED~~ (highlight text, under *Format*, click font and check strikethrough)

UNDERLINE TEXT TO BE ADDED

Use additional sheets of the form, if necessary.

R311.5.3.1 Riser height. The maximum riser height shall be 8.25 inches (210 mm) ~~7 3/4 inches (196 mm)~~. The riser shall be measured vertically between leading edges of the adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm).

Anticipated impact of code change on cost of construction (CHECK ONE)

☐ Increase

☒ Decrease

☐ Negligible

☐ Unknown

If "Increase" box was checked, indicate estimated range of added cost:

Per 1,000 SF single-family dwelling to

Per 1,000SF of commercial building to

JUSTIFICATION OF CHANGE:

As outlined in Section R101.3 of the IRC, the basis of the code requirements of this Code are to be the minimum requirements for life-safety, not the maximum. The 1996 CABO and prior editions state minimum stair requirements of a maximum rise of 8.25-inches, and a minimum tread depth of 9-inches for private residential stairs. No documentation has been presented that indicates a reduction in riser height of one half-inch, and an additional tread depth of one-inch, has any consequential effect on those who use typical residential stairways.